Original/Duplicate/ Triplicate

**Contract Certificate**

(For Other Works)

AEE, YSTSD

No : 1st & Final Bill

SBR No: 132/20-21

Division:E.E.Yelahanka Sub-Division

Date : ..... Date: 8/1/2021

Bill Received No.....Dated .....Cash Book Voucher No. .....

Scheduled Doctet No..... Head of Account:

**Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)**

YNK-DBR No. 192

Date 30-01-2021

## MSV Constructions Company

Reference to Agreement No. Job: 004-19-000014

Work Ordper No:BBMP/EE/ YNK.D/EPMT-5/ WO/126/2020-21 Dated :21.09.2020

Certified that the measurements were taken by me on 5/01/2021

of measurements Book No ...5/01/2021... and that the work is satisfactorily

page no :- 4 to 58

Contractor 7957024720 Ramarajeerah.

Officer – in – charge of work

Certified that the measurements were checked by me on 05/01/2021

Certified that the quantities of materials shown in column 3 of Accountant II have been actually bought to the site of the work and contactor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor in recorded in the office.

Sub Division Officer

***If Memorandum of Payment***

| | | Amount |
|---|---|---|
| 1. | Total Value of work done or supplies mad | – |
| 2. | Deduct amount to be held in reserve bein | – |
| 3. | -do- Balance | – |
| 4. | Deduct Payments: | |
| | a) Amount of previous payment as in the Office Cash Book Voucher No. .....Dated.....S.D. No. ..... | |
| | Amount adjusted towards cash advance recovery of | |
| | b) Payments cost store or other materials supplied. | |
| 5. | Balance being unpaid value of work done held in reserve | |
| 6. | Deduct cash advance made on the office Cash Book Voucher No. ..... dated.....less adjustments | |
| 7. | Net amount due to or from contractor | |
| | Unadjusted items | |
| 8. | Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied. | |

Gross Amt = Rs 31211000=00

FSD = Rs 1560550=00

CCRT = Rs 312111=00

SCRT = Rs 312111=00

IT = Rs 936330=00

LC = Rs 312111=00

CBF = Rs 312111=00

Royalty = Rs 387529=00

= Rs 3539843=00

Amt = Rs 27671157=00

Contractor Signature

Received Rs. ..... (in words)

.....

.....by cash and by adjustment of

Payment as per memorandum (For use in the office)

(In final settlement of all demand)

Witness:

1.

2.

Stamp

Signature of the Contractor

Date

Audited & Admitted for Rs. 31211000=00

27671157 =00 by Cheque

and Rs. 3539843=00 by Adjustment

Accts. Supdt. Executive Engineer

Executive Engineer

Paid by me by Cheque No. ..... Dated.....

Cash Rs. ..... Dated.....

Initials of office making payment dated.....

**Name of work : Improvements to roads & drains at A sector,B sector,LIG and MIG and surrounding area in ward no 04 Yelahanka New Town Sub division(package-04)**

| Sl. No | Description of item | Unit | Previous Measurement | | Present Measurement | | | Total Up-to-date | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate Rs. Ps. | Cost | Qty | Cost | |
| 1 | Refixing and refixing stone slabs of drains and pointing in C.M (1:3) (Pg no 27/S.33) | Sqm | – | – | 3812.59 | 116.85 | 445501.14 | 3812.59 | 445501.14 | |
| 2 | KSRRB 300-3. Earthwork excavation and forming in embankment by manual means in ordinary soil (When earth is taken from bank cutting or from borrow pits ) including breaking of clods, spreading to required line and level, forming, and cost of all labour complete as per specifications. ( excluding watering and compaction of earth ) (with all lead and lift) MORTH / Chapter 3 | Cum | – | – | 2335.95 | 244.84 | 571934.00 | 2335.95 | 571934.00 | |
| 3 | KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Pg no 13/item no 4.2 PWD SR 2018-19 | Cum | – | – | 34.65 | 5780.37 | 200289.82 | 34.65 | 200289.82 | |
| 6 | KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.7 | Tonne | – | – | 8.03 | 78977.64 | 634190.45 | 8.03 | 634190.45 | |
| 5 | KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 | Sqm | – | – | 612.00 | 398.42 | 243833.04 | 612.00 | 243833.04 | |
| 4 | KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with 'super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing,complete as per specifications. | Cum | – | – | 153.90 | 6297.87 | 969242.19 | 153.90 | 969242.19 | |

| Sl. No | Description of item | Unit | Previous Measurement | | Present Measurement | | | Total Up-to-date | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate Rs. Ps. | Cost | Qty | Cost | |
| 7 | Providing and laying precast drain cover slab of 100mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc.., cmplete as per the directions of the Engineer in charge. (1.20 x 0.60 x 0.10) Data rate | Sqm | – | – | 1646.51 | 2199.54 | 3621564.61 | 1646.51 | 3621564.61 | |
| 8 | Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.( 1.2 x 0.60 x 0.10)Data rate | Nos | – | – | 170.24 | 5688.36 | 968386.41 | 170.24 | 968386.41 | |
| 9 | Removing and resetting of kerb stones | Sqm | – | – | 3665.90 | 110.18 | 403908.86 | 3665.90 | 403908.86 | |
| 10 | Providing and fixing Pre cast solid concrete kerb stones made out of C C 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete. - do - of size 450 x 150 x 500 mm | Sqm | – | – | 3669.11 | 490.79 | 1800762.50 | 3669.11 | 1800762.50 | |
| 11 | KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per | Sqm | – | – | 628.44 | 89.03 | 55950.01 | 628.44 | 55950.01 | |
| 12 | KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as | Cum | – | – | 363.60 | 93.80 | 34105.68 | 363.60 | 34105.68 | |
| 13 | KSRRB M300-14. Excavation for roadwork in all types of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers,trimming bottom and side slopes, in accordance with requirements of lines,grades and cross sections, and transporting to the embankment location to a lead of 1.00 km | Cum | – | – | 3517.14 | 145.79 | 512763.84 | 3517.14 | 512763.84 | |
| 14 | KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. | Cum | – | – | 1078.07 | 2094.47 | 2257985.27 | 1078.07 | 2257985.27 | |
| 15 | KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 | Cum | – | – | 1486.10 | 2101.14 | 3122504.15 | 1486.10 | 3122504.15 | |

| Sl. No | Description of item | Unit | Previous Measurement | | Present Measurement | | | Total Up-to-date | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate Rs. Ps. | Cost | Qty | Cost | |
| 16 | KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502 | Sqm | – | – | 7187.10 | 37.84 | 271959.86 | 7187.10 | 271959.86 | |
| 17 | KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting thehot mix to worksite, laying to the required grade, level and alignment, rolling with, smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications | Cum | – | – | 359.30 | 7494.23 | 2692676.84 | 359.30 | 2692676.84 | |
| 18 | KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour,HOM of machineries complete as per specifications. | sqm | – | – | 22214.60 | 5.56 | 123513.18 | 22214.60 | 123513.18 | |
| 19 | KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. | sqm | – | – | 22214.60 | 15.58 | 346103.47 | 22214.60 | 346103.47 | |
| 20 | KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 509 | Cum | – | – | 888.59 | 8656.09 | 7691715.01 | 888.59 | 7691715.01 | |
| 21 | KSRRB M800-13.Road Marking with Hot Applied ThermoplasticCompound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to | sqm | – | – | 1139.60 | 477.43 | 544079.23 | 1139.60 | 544079.23 | |
| 22 | Removing and resetting of footpath slab | Sqm | – | – | 580.50 | 219.24 | 127268.82 | 580.50 | 127268.82 | |

| Sl. No | Description of item | Unit | Previous Measurement | | Present Measurement | | | Total Up-to-date | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate Rs. Ps. | Cost | Qty | Cost | |
| 23 | KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness ) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications.Specification No. KBS | Sqm | – | – | 193.50 | 1171.88 | 226758.78 | 193.50 | 226758.78 | |
| | **Sub Total** | | | | | | 27866997.16 | | 27866997.16 | |
| | **Add GST 12%** | | | | | | 3344039.66 | | 3344039.66 | |
| | **Grand Total** | | | | | | 31211036.82 | | 31211036.82 | |

1 Certified that work done satisfacotry
2 Certified that there are no dues from contractors towards this work.
3 Certified that Contractor removed all debries from site.

31211000

NEWZEN CONSULTANT ★ Bangalore ★

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Assistant Executive Engineer

For M.S.V. CONSTRUCTIONS COMPANY

Partners